

**REMARKS**

The indication of allowable subject matter in claims 5-10 and 13 is acknowledged and appreciated. In view of the following remarks, it is respectfully submitted that all claims are in condition for allowance.

Claim 11 stands rejected under 35 U.S.C. § 102(e) as being anticipated by Balram et al. '699 ("Balram"), and claim 12 stands rejected under 35 U.S.C. § 103 as being unpatentable over Balram in view of Dao '848. Claim 11 is independent. These rejections are respectfully traversed for the following reasons.

In order to expedite prosecution, Applicant's representative initiated a telephone interview with Examiner Tran and Supervisory Examiner Bella. Applicant and Applicant's representative would like to thank Examiner Tran and Supervisory Bella for their courtesy in conducting the interview and for their assistance in resolving issues. It was agreed during the interview that claims 11 and 12 are patentable over Balram, alone or in combination with Dao, so that the pending rejections would be withdrawn. A summary of the interview discussion follows.

Claim 11 recites in pertinent part, "data storage means with data storage areas on which multiple coordinate data are storable, the coordinate data including *first and second coordinate data of the line connecting the start and end points together*; ... wherein the divided data is stored as third coordinate data on a predetermined one of *the* data storage areas" (emphasis added). In contrast, the alleged data storage area 187 of Balram is merely a conventional display/frame buffer for displaying the final image data. Neither frame buffer 187 nor FIFO's 132, 133 store *upstream* coordinate data of the line connecting the start and end points together with *downstream* divided data.

Balram discloses a conventional one-way data path of processing ending where the processed data is displayed in the frame buffer 187 of the display 166, whereas the present invention can allow the divided data to be fed back to the data storage areas for subsequent processing by the adding and divide-by-two means.

As anticipation under 35 U.S.C. § 102 requires that each and every element of the claim be disclosed, either expressly or inherently (noting that "inherency may not be established by probabilities or possibilities", *Scaltech Inc. v. Retec/Tetra*, 178 F.3d 1378 (Fed. Cir. 1999)), in a single prior art reference, *Akzo N.V. v. U.S. Int'l Trade Commission*, 808 F.2d 1471 (Fed. Cir. 1986), based on the forgoing, it is submitted that Balram does not anticipate claim 11, nor any claim dependent thereon.

Under Federal Circuit guidelines, a dependent claim is nonobvious if the independent claim upon which it depends is allowable because all the limitations of the independent claim are contained in the dependent claims, *Hartness International Inc. v. Simplimatic Engineering Co.*, 819 F.2d at 1100, 1108 (Fed. Cir. 1987). Accordingly, as claim 11 is patentable for the reasons set forth above, it is respectfully submitted that all claims dependent thereon are also patentable. In addition, it is respectfully submitted that the dependent claims are patentable based on their own merits by adding novel and non-obvious features to the combination.

Based on all the foregoing, it is respectfully submitted that claims 11 and 12 are patentable over the cited prior art. Accordingly, it is respectfully requested that the rejections under 35 U.S.C. § 102/103 be withdrawn.

CONCLUSION

Having fully and completely responded to the Office Action, Applicant submits that all of the claims are now in condition for allowance, an indication of which is respectfully solicited. If there are any outstanding issues that might be resolved by an interview or an Examiner's amendment, the Examiner is requested to call Applicants' attorney at the telephone number shown below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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